P5Q PRO Turbo SPEC	
Note: The specifications are subject to change without notice.	
CPU	LGA775 socket for Intel® Core™2 Extreme / Core™2 Quad / Core™2 Duo / Pentium® dual-core / Celeron® processors
	Supports Intel® 45nm multi-core CPU
Chipset	Intel® P45 / ICH10R with Intel® Fast Memory Access (FMA) support
System Bus	1600 / 1333 / 1066 / 800 MHz
Memory	4 x DIMM, max. 16GB, DDR2 1300 / 1200 / 1066 / 800 / 667 MHz, non-ECC, un-buffered memory
	Dual channel memory architecture
	*Refer to www.asus.com or user manual for the Memory QVL (Qualified Vendors Lists).
	*When installing total memory of 4GB capacity or more, Windows® 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.
Expansion Slots	2 x PCI Express 2.0 x16 slots, support ATI CrossFireX™ technology at x8 link (PCIe x16_1 blue, PCIe x16_2 black*)
	3 x PCI Express x1 slots
	2 x PCI slots
	*PCI Express x16_2 slot (black at max. x8 link)
Storage	Southbridge:
	- 5 x SATA 3Gb/s ports
	- Intel® Matrix Storage Technology with RAID 0, 1, 5, and 10 support
	JMicron® JMB361 SATA & PATA controller:
	- 1 x Ultra DMA 133 / 100 / 66 for up to 2 PATA devices
	- 1 x External SATA 3Gb/s port (SATA On-the-Go)
	Silicon Image Sil5723 (Drive Xpert technology):
	- 2 x SATA 3Gb/s ports
	- Supports EZ Backup and Super Speed functions
	*Drive Xpert function is available only when the hard disk drives are set as data drives.
	**Due to the Windows XP/ Vista limitation, the RAID array with the total capacity over 2TB cannot be set as a boot disk. A RAID array over 2TB can only be set as a data disk only.
LAN	Atheros® L1E Gigabit LAN controller featuring AI NET 2
Audio	VIA® VT1708S 8-channel High Definition Audio CODEC
	- Support Jack-Detection and Multi-Streaming
	- Optical S/PDIF_OUT port at back I/O
	- ASUS Noise-Filtering
IEEE 1394	VIA® VT6315N controller supports 2 x IEEE 1394a ports (1 port at mid-board; 1 port at back panel)
USB	Max. 12 USB2.0/1.1 ports (6 ports at mid-board; 6 ports at back panel)
ASUS Special Features	**ASUS Exclusive Features:**
	- ASUS 8-Phase Power Design
	- ASUS Express Gate
	ASUS Power Saving Solutions:
	- ASUS EPU
	ASUS Quiet Thermal Solutions:
	- ASUS Fanless Design: heat pipe solution
	- ASUS Fan Xpert
	ASUS EZ DIY:
	- ASUS Drive Xpert
	- ASUS CrashFree BIOS 3
	- ASUS Q-Shield
	- ASUS Q-Connector
	- ASUS O.C. Profile
	- ASUS EZ Flash 2

Other Features	100% All High-quality Conductive Polymer Capacitors! (5000hrs VRM, over 57 years operation lifespan at 65° C)
	ASUS MyLogo 2
ASUS Exclusive Overclocking Features	**Intelligent overclocking tools:**
	- AI Overclocking (Intelligent CPU Frequency Tuner)
	- TurboV
	- Turbo Key
	Precision Tweaker 2:
	- vCore: Adjustable CPU voltage at 0.00625V increment
	- vDIMM: 64-step DRAM voltage control
	- vChipset: 56-step Chipset voltage control
	- vCPU PLL: 64-step CPU PLL voltage control
	- vFSB Termination: 15-step reference voltage control
	SFS (Stepless Frequency Selection):
	- FSB tuning from 200MHz up to 800MHz at 1MHz increment
	- PCI Express frequency tuning from 100MHz up to180MHz at 1MHz increment
	Overclocking Protection:
	- ASUS C.P.R.(CPU Parameter Recall)
Back Panel I/O Ports	1 x PS/2 Keyboard port (purple)
	1 x PS/2 mouse port (green)
	1 x Optical S/PDIF Output port
	1 x IEEE 1394a port
	1 x External SATA port
	1 x LAN (RJ45) port
	6 x USB 2.0/1.1 ports
	8-channel Audio I/O ports
Internal I/O Connectors	3 x USB connectors support additional 6 USB ports
	1 x IDE connector
	1 x COM connector
	5 x SATA connectors (red)
	2 x Drive Xpert SATA connectors (orange and white)
	1 x CPU Fan connector
	2 x Chassis Fan connectors
	1 x Power Fan connector
	1 x IEEE1394a connector
	Front panel audio connector
	1 x S/PDIF Out Header
	Chassis Intrusion connector
	CD audio in
	24-pin ATX Power connector
	8-pin ATX 12V Power connector
	System Panel (Q-Connector)
BIOS	8 Mb AMI BIOS, PnP, DMI 2.0, WfM 2.0, SM BIOS 2.5, ACPI 3.0, ASUS EZ Flash 2, ASUS CrashFree BIOS 3
Manageability	WOL by PME, WOR by PME, WOR by Ring, Chassis Intrusion, PXE
Accessories	1 x Ultra DMA 133 / 100 / 66 cable
	4 x Serial ATA cables
	1 x 2 in 1 Q-connector (USB, System panel; Retail version only)
	1 x ASUS Q-Shield
	1 x User's manual
	*The floppy disk drive cable is purchased separately.
Support CD	Drivers
	Express Gate
	ASUS PC Probe II
	ASUS Update
	ASUS AI Suite
	Anti-Virus software (OEM version)
Form Factor	ATX Form Factor, 12”x 9.6” (30.5cm x 24.4cm)